



THIS IS NOT A PERMIT

## YADKIN COUNTY HEALTH DEPARTMENT

Application for Environmental Services

Page 1

Improvement Permit ☐ Authorization to Construct ☐ Septic Repair ☐  
Septic Expansion ☐ New Well Permit ☐ Replacement Well ☐ Well Abandonment ☐  
☐ Well Repair ☐ Existing System Inspection  
Application is for New Construction ☐ Existing Facility ☐

Property Address \_\_\_\_\_ Subdivision \_\_\_\_\_  
\_\_\_\_\_ Lot # \_\_\_\_\_ Acres \_\_\_\_\_

Section/Block/Phase \_\_\_\_\_ Is there public sewer available? Yes ☐ No ☐

Driving Directions to Property \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NAME TO APPEAR ON PERMIT? ☐ Owner ☐ Applicant

### Applicant Contact Information

Name	
Address	
Phone	Cell Phone

### Owner Contact Information

Name	
Address	
Phone	Cell Phone

WHO WILL BE THE PRIMARY CONTACT? ☐ Owner ☐ Applicant

Description of Existing Structures on Site \_\_\_\_\_

# of Bedrooms \*† \_\_\_\_\_ Structure Dimensions \_\_\_\_\_

Basement ☐ Yes ☐ No Basement Fixtures ☐ Yes ☐ No

The Applicant shall notify the local health department upon submittal of this application if any of the following apply to the property in question. If the answer to any question is "yes", applicant must attach supporting documentation.

☐ Yes ☐ No Does the site contain any existing wastewater systems?  
☐ Yes ☐ No Is any wastewater going to be generated on the site other than domestic sewage?  
☐ Yes ☐ No Are there any easements or right of ways on this property? Describe \_\_\_\_\_

Existing water supply in use ☐ Individual Well ☐ Community Well ☐ Semi-Public Well  
☐ County/City/Township Water Line Is a public water supply available? \*\* ☐ Yes ☐ No



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Page 2

### Proposed Facility Type

☐ **Primary Residence** ☐ New Residence ☐ Addition to Residence # of New Bedrooms \*† \_\_\_\_\_

Project Description \_\_\_\_\_

Structure Dimensions \_\_\_\_\_ # of Occupants \_\_\_\_\_

Basement ☐ Yes ☐ No Basement Fixtures ☐ Yes ☐ No

☐ **Accessory Structure(s)** Describe \_\_\_\_\_

# of New Bedrooms \*† if applicable \_\_\_\_\_ Structure Dimensions \_\_\_\_\_

# of Occupants \_\_\_\_\_ Accessory Dwelling ☐ Yes ☐ No

Plumbing ☐ Yes ☐ No Describe Plumbing Needed \_\_\_\_\_

☐ **Multi-Family Residence** # Units \_\_\_\_\_ #Bedrooms per Unit\*† \_\_\_\_\_

Total # Bedrooms \*† \_\_\_\_\_ Structure Dimensions \_\_\_\_\_

☐ **Food Service** Specify Type \_\_\_\_\_

# Seats \_\_\_\_\_ Floor Space -Entire Food Service Facility (Sq Ft) \_\_\_\_\_

# Employees per Shift \_\_\_\_\_ # of Shifts \_\_\_\_\_ Dining Area (Sq. Ft.) \_\_\_\_\_

☐ **Business** Specific Type of Business \_\_\_\_\_ Retail Floor Space \_\_\_\_\_

# of Employees per Shift \_\_\_\_\_ # of Shifts \_\_\_\_\_

☐ **Other Facility Type** Specify \_\_\_\_\_

If Church # of Seats \_\_\_\_\_ Kitchen ☐ Yes ☐ No If Daycare Specify Occupancy \_\_\_\_\_

### Application for Well Construction/Abandonment/Repair

Proposed Well Type ☐ Individual Well ☐ Semi-Public Well ☐ Community Well

Abandonment Type ☐ Drilled ☐ Bored ☐ Dug ☐ Other

Well Repair Requested ☐ Yes ☐ No Describe \_\_\_\_\_

Calculated Design Flow, Commercial † \_\_\_\_\_ **Additional information may be required to determine design flow from certain facilities. This value will be determined during consultation with on-site staff.**

\*Any room that will be intended for sleeping at the time of construction or for future consideration should be noted as a bedroom and counted on all applications. The number of bedrooms will be confirmed by rooms identified on house plans as a bedroom at the time of building permit issuance. This may prevent the need for septic system size increase in the future.

† If structure is plumbed but no bedrooms, calculated design flow is required.

\*\* If No, a well permit must be issued with the Authorization to Construct.

### SYSTEM REDESIGN AND/OR RETRIP WILL INCUR AN ADDITIONAL CHARGE (SEE FEE SCHEDULE)

Improvement Permits and ATC issued as a result of this information are valid for 5 years or may be non-expiring under certain specified conditions. Improvement Permits and Well Permits are transferrable; ATC are not transferable. Permits may be revoked if the information on this application, site plans or intended use changes for the proposed facility.

I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.

Signature of Owner or Agent \_\_\_\_\_ Date \_\_\_\_\_

Printed Name of Owner or Agent \_\_\_\_\_

**Yadkin County Environmental Health Application, Evaluation, and Permitting  
Procedures for Septic Systems and Well Construction**

**.. Applications**

1. Complete applications must be submitted for Improvement Permit (IP), Authorization to Construct (ATC), or Well Permit a applicable for proposed use. The owner or his authorized agent must sign all applications.
2. The current fee for each improvement permit must be paid at the time the application is submitted. Applications will not be accepted until all fees are paid.
3. Complete applications must be accompanied by a plat prepared by a surveyor on a scale of no less than 1"= 60', or a site plan prepared by the applicant. A separate plat or site plan must be submitted for each lot application. Plats or site plans must show all proposed property lines, lot corners, home locations, all roads, bodies of water (creeks, streams, lakes, ponds), existing wells within 200', all lot dimensions, easements, and right of ways.
4. Applications will be considered on a first-come, first-serve basis and will be activated only when complete applications are received. Incomplete applications will not be activated.

**. Evaluations**

1. All lots must be properly prepared for evaluation in the following manner:
  - a. All lots must be fully accessible. Access roads must be at least "roughed in." Overgrown or very thickly wooded lots must be adequately cleared prior to evaluation to allow for proper access.
  - b. All lot corners must be true corners (iron pins, axles, etc.) and must be marked and readily identified in the field. All lot sidelines are to be flagged or strung the entire length and width of the lot. Exceptions to flagging lot sidelines may be made if all corners can be seen from any part of the lot.
  - c. Proposed "cut out" lots must be marked as indicated on site plan or plat for IP only and will be required to be surveyed and recorded at the Register of Deeds before an ATC will be issued.
  - d. All home sites, and accessory structures (garages, out- buildings, pools, etc) as indicated on the plat, must be staked or flagged on the lot at the time of evaluation.  
Note: Items not flagged or indicated on the site plan may not be considered in the evaluation and may subject the applicant to additional fees and delays.
  - e. Improperly prepared lots will not be evaluated and will be placed in an inactive status. Applications will be reactivated when all required preparations are complete. **IF PROPERTY NOT FLAGGED A \$60.00 REVISIT FEE WILL BE CHARGED.**      Initial
3. The soil site evaluation will be conducted by evaluating each previously dug hole or pit in the manner prescribed by current state rules. A soil profile from each will be described on a soil evaluation form for each lot application submitted. The soil evaluation form will include, but not be limited to, the following:
  - a. Soil profile description to include soil depth and characteristics
  - b. Topographical features
  - c. Usable soil areas and locations
  - d. Possible system type(s)
  - e. Problems and/or unsuitable characteristics
  - f. Determination of suitability for system and repair areas
4. Well construction applications will be evaluated based on required location criteria as established by state well regulations and local ordinances.

**. Permitting**

1. Lots determined to be suitable or provisionally suitable for a wastewater disposal system, well, etc., may be issued applicable permits.
  2. A letter of denial will be issued for lots that are considered unsuitable for a wastewater system. The following conditions or characteristics may result in lots considered unsuitable:
    - a. Soil wetness conditions (shallow seasonal water tables)
    - b. Unsuitable topography (irregular topography, excessive gullies, ravines, excessive slopes, depressions, etc.)
    - c. Shallow soil depths
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- d. Unsuitable soil characteristics (expansive clays, poor structure, etc.)
- e. Inadequate space available for the installation of a complete system and repair area to serve the proposed facility.
- 3. Permit denial letters shall be required to adequately describe the site and soil conditions leading to the denial as well as the owner or applicants appeal rights and processes.
- 4. Improvement permits shall indicate system location, required setbacks, home location, general system requirements, etc., on scale drawings.
- 5. When an application for an Authorization to Construct is submitted, the Authorization to Construct shall indicate all system specifications, location of components, permit conditions, and installation criteria.
- 6. Well site location(s) will be indicated as appropriate on the IP or ATC.
- 7. If denied, 50% refund must be requested in writing within 30 days of denial letter.

#### **D. Notification**

The Environmental Health Specialist, upon completion of permits, etc., shall notify the owner or applicant (as indicated on the application) when permit(s) or denial letter(s) are completed.

**These procedures will be required for all applications subject to approval under the current North Carolina Laws and Rules for Sewage Treatment and Disposal Systems (15A NCAC 18A .1900) and North Carolina Well Construction Standards (15A NCAC 2C .0100)**

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**Signature of Applicant**

Name \_\_\_\_\_ Subdivision \_\_\_\_\_ Lot# \_\_\_\_\_ PIN# \_\_\_\_\_

### YADKIN COUNTY CHECKLIST OF SEPTIC SYSTEMS

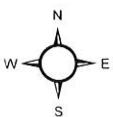
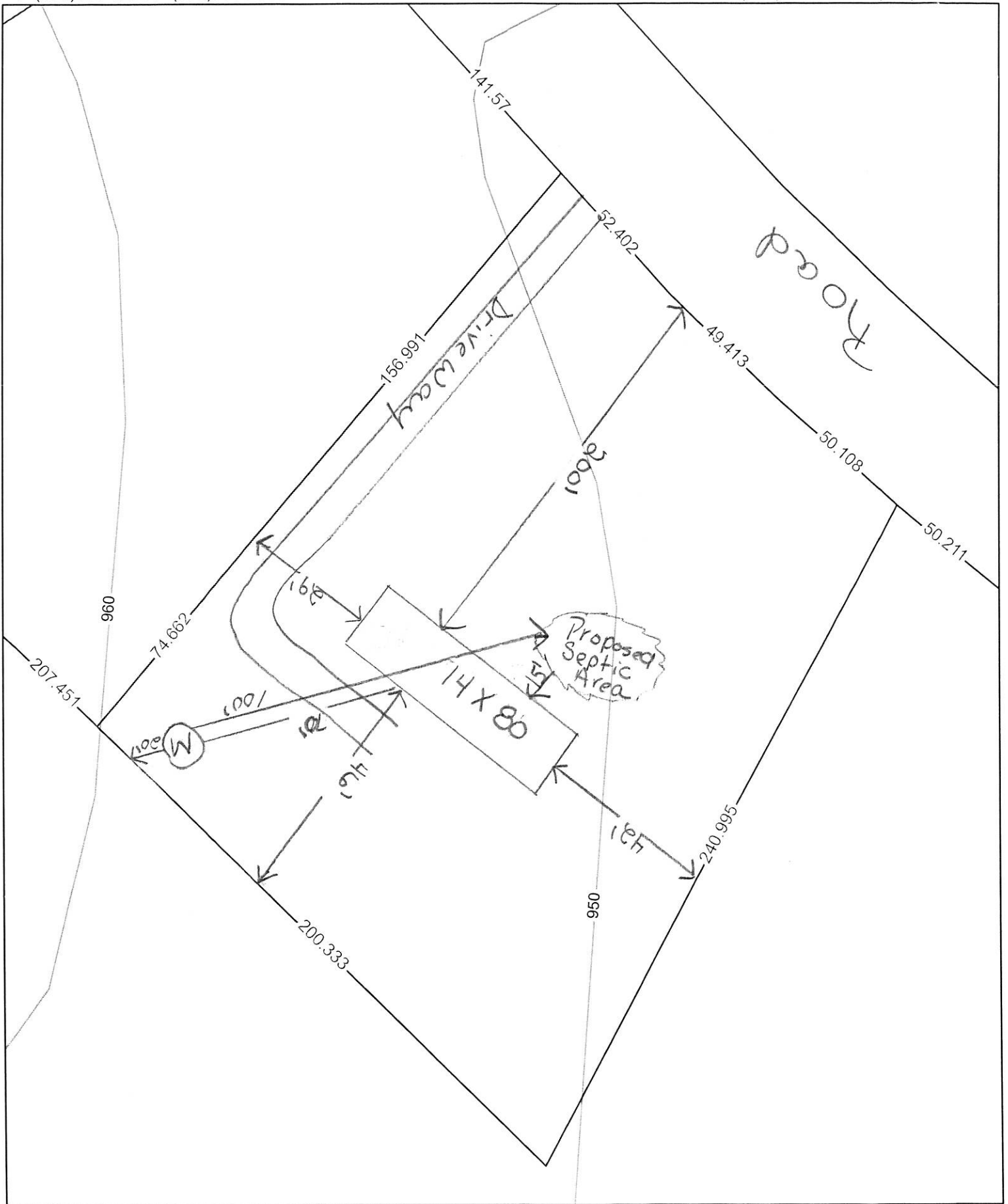
Select and circle one type of septic system you prefer. Soil and site conditions observed by the environmental health specialist during the soil/site evaluations will influence the type and the design of the septic system. See "Consumers Guide to Septic Systems" for details:

1. Conventional/modified conventional (washed stone and 4" perforated pipe)
2. Gravel less
  - A. large diameter pipe
  - B. prefabricated permeable black panel
3. Low pressure pipe
4. Fill (also check with type of nitrification lines you prefer)
5. Aerobic sewage treatment unit
6. Pit privy
7. Innovative and Experimental
  - A. plastic chambers
    1. PSA Inc. "biodiffuser" (1-800-873-2337)
    2. Cultec "contactor" (1-800-428-5832)
    3. Hancor "envirochamber" (1-888-231-0059)
    4. Infiltrator Systems Inc. "infiltrator" (1-800-649-0253)
  - B. Polystyrene aggregate
    1. EEEZZZ Flow Drain Co. Inc., Frank Minton (1-800-649-0253)
  - C. Tire chip aggregate
    1. Tire Disposal Service, George Dalton (1-800-572-1927)
    2. US Tire Recycling, Bob Johnson (704-784-1210)
  - D. Drip Irrigation
    1. American Manufacturing Co. Inc. "perc-rite" (1-800-345-3132)
    2. Geoflow Inc. (1-800-828-3388)
  - E. Sand filter
    1. North Carolina State University Soil Science Dept., Mike Hover (1-919-515-7305)
    2. Orenco Systems Inc., William Cagle (1-800-348-9843)
  - F. Peat filter
    1. Bond na Mona Environmental Products Inc.
  - G. Biological filter (fixed media)
    1. Clearstream Wastewater Systems Inc., Wayne Peyton (409-755-1500)
    2. Premier Tech Environmental Ecoflo (919-562-4317)
    3. Zabel Scat (1-800-221-5742)
    4. Zeus Aerocell (1-800-221-5742)
    5. Zeus Aerodiffuser (1-800-221-5742)
    6. Biomicrobics Inc. FAST
  - H. Constructed wetlands
    1. North Carolina State University, Forestry Department, Claude House

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Signature of Applicant

Date



0 25 50 100 150 200 Feet

Mapping information is a representation of various data sources and is not a substitute for information that would result from an accurate land survey. In no event shall Yadkin County, NC be liable for any damages, direct or consequential, from the use of the information contained on this map.